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> This volume illustrates Volumes XI and XII of the History and at the same time gives a general impression of the flow of art during three centuries. From Vespasian to Commodus the GraecoRoman art-stream spreads over the world from Scotland to Arabia and from Spain to Chinese Turkestan. But with the advent of the Severan Dynasty there is a change; for the Syrians brought into Italy a flood of Oriental ideas which presently had a most profound effect on art. Classical realism is seen gradually giving place to eastern expressionism until there arises the new dynamic simplification that concentrates on strength of expression. This is the late-classical art that was to lead to the art called Byzantine.

## THE CAMBRIDGE ANCIENT HISTORY

## EDITORS

Volumes I-vI
J. B. BURY, M.A., F.B.A.
S. A. COOK, LITT.D.
F. E. ADCOCK, M.A., F.B.A.
S. A. COOK , LITT.D., F.B.A.
F. E. ADCOCK, M.A., F.B.A.

Volumes VII-XI
M. P. CHARLESWORTH, M.A.

Volume XII
S. A. COOK, LITT.D., F.B.A.
F. E. ADCOCK, M.A., F.B.A.
M. P. CHARLESWORTH, M.A.
N. H. BAYNES, M.A., F.B.A.

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## THE <br> CAMBRIDGE ANCIENT HISTORY



EDITED BY
S. A. COOK, Litt. D., F.B.A.
F. E. ADCOCK, M. A., F.B.A.
M. P. CHARLESWORTH, M.A.
N. H. BAYNES, M.A., F.B.A.

VOLUME OF PLATES V<br>PREPARED BY<br>C. T. SELTMAN, M.A.

## CAMBRIDGE

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## PREFACE

The fifth and last volume of plates serves to illustrate a variety of monuments which have been referred to in Volumes xi and xiI of the Cambridge Ancient History. The surviving mass of antiquities that was created between the foundation of the first and the rise of the second Flavian Dynasties is so great, scattered as it is from Scotland to Arabia and from Spain to Chinese Turkestan, that a rigorous selection of illustrations has been enforced by limitation of space. Enough should, however, be found here to give a general impression of the flow of art during nearly three centuries. From Vespasian to Commodus that Graeco-Roman art-stream, which the fourth volume of plates showed in process of formation, continued to spread over the world, so that there were men who could drink from Campanian silver cups in Sweden and seal with Greek intaglios in Khotan. With the advent of the Severan Dynasty there was a change.

Juvenal's complaint, iam pridem Syrus in Tiberim defluxit Orontes, was an exaggeration for his day and certainly untrue of the art of his time. But it was an unconscious prophecy.

The Syrians, Domna, Maesa and Mamaea, Caracalla posing as A the new Alexander, and Elagabalus with his curious cult, all poured into Italy a flood of oriental ideas which presently had a far more profound effect on art than on politics or economics. Classical realism is seen gradually giving place to eastern expressionism until there arises the new dynamic simplification that concentrates on strength of expression. This is the late-classical art that was to lead to the art called Byzantine.

In architecture this volume, which includes buildings from the Colosseum to the Basilica of Maxentius, illustrates the most imposing achievements of the architects of Rome as well as some of the finest buildings of the Empire.

The volume is indebted to the writers of the several chapters concerned for the selection of the subjects illustrated and for the commentaries. Dr Ekholm has dealt with the objects found in the

## PREFACE

lands of the Northern Peoples, Professor Rostovtzeff with those of Sarmatians and Parthians, and Professor Alföldi with finds in the Danubian region. Spanish and African antiquities are described by Professor Albertini, British by Professor Collingwood, and Rhenish by Dr Stade. Professor Halphen has supervised the description of the Central Asian monuments, and Professor Nock of those illustrating the pagan cults of the Empire, while Professor Christensen has dealt with the early Sassanid antiquities. I am responsible for a few isolated plates, and, as formerly, for the description of coins which have been referred to by the writers of many chapters. In the period covered by the two last volumes of the Cambridge Ancient History the evidential value of coins is so considerable that it has seemed desirable to illustrate a fairly large number. The chief contributor to this volume is Professor Rodenwaldt, whose expert selection of illustrations and careful commentaries on no less than sixty plates tell the story of the gradual change in the art of the ancient world and lead up to the splendours of the age of Constantine.

The Editors wish to join Professor Rodenwaldt in expressing gratitude to the Directors of the German Institutes in Athens and Rome for their help in providing photographs, and especially to Mr A. D. Trendall for much time spent in securing illustrations required for this volume when he was Librarian of the British School in Rome.

Thanks for assistance in supplying photographs are due to the Director of the British Museum and to the Directors and Curators of museums in Berlin, Bonn, Budapest, Cassel, Cluj, Copenhagen, Mainz, Mannheim, New York, Schwerin, Stettin and Trèves, also to the German Archaeological Institute in Berlin, to the Departments of Antiquities in Algeria, Tunisia and Syria, to the Yale Doura Expedition in New Haven, and to Mademoiselle Brühl of the Musée Guimet in Paris. Acknowledgement is gratefully made to Professor A. B. Cook for the loan of certain blocks from his Zeus, and to Professor Albertini, Professor J. Kostrzewski, Mr R. P. Longden, Herr J. Rodenwaldt, Professor Rostovtzeff, Monsieur H. Seyrig, Dr E. M. W. Tillyard, and Dr N. Toll for the use of photographs in their possession.

## PREFACE

Help in providing plaster casts of coins has been given by Mr J. Allen and Mr H. Mattingly of the British Museum, by Monsieur J. Babelon of the Bibliothèque Nationale in Paris, by Mr G. Galster of the Royal Cabinet in Copenhagen, and by the Director of the Münzkabinett in Berlin, and thanks are due to all of them. Mrs Collingwood, Miss M. V. Taylor, and Mr Martin Robertson have kindly rendered help in various ways.

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E. Wasmuth, Berlin (Hielscher, Das unbekannte Spanien; Sarre and Herzfeld, Iranische Felsreliefs).
The Staff of the University Press once again deserve thanks for their skill and labour in dealing with a volume that it has been no easy task to produce. In concluding the last volume of plates, I wish to record my deep indebtedness and gratitude to the Editors of the History for their advice and help during fourteen years of co-operation.

## PREFACE

There is a design on the outside cover after a second-century bronze statuette, in the possession of Professor A. B. Cook, representing a syncretism of several goddesses. The figure is robed as Venus, has the horns of Io or Hathor, the plumes of Isis, a pillar like that of Athena Parthenos, and the rudder and cornucopiae of Tyche.
C.T.S.

December 1938

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## THE NORTHERN PEOPLES

The representations of Germanic men and women which occur on the Column of Trajan are among the best and most realistic of their kind. The figures on the column of Marcus Aurelius have more classical features, figures, and garb. (xi, 59, 70.)
[a] From the Column of Trajan in Rome. The heads of two barbarians.
[b] A deputation approaching Trajan during the second Dacian War in the winter of A.D. 105/6. On the left a Dacian, above him two Bosporan Greeks with headbands, to the right of him six Bastarnae distinguished by a characteristic hair-knot. The stately figure in the foreground is perhaps a chieftain introducing the others. From the column of Trajan.
[c] Captive German women; from the Column of Marcus Aurelius in Rome.
[a, Die Antike, 1, 1925, pl. 37; b, C. Cichorius, Die Reliefs der Trajanssüule, pl. 78; c, Photograph German Archaeological Institute]

[a]

[b]

[c]

## THE NORTHERN PEOPLES

This and the following pages $(6,8,10,12,18,20)$ show side by side objects of native manufacture and imports from the Roman Empire.

## BOHEMIA

[a] Two Roman bronze trullae with strainers.
[b] Bronze buckle.
[c] Roman gold pendant.
[d] Roman bronze trulla.
[e] Handle of Roman bronze jug.
[f] Bronze mounts for a drinking horn.
[g] Celtic bronze fibula.
[ $h$ ], [ $i]$ Native bronze fibulae.
[j] Bronze buckle, Roman Provincial type.
[k] Iron sword, bent before burial.
[l] Bronze fibula.
[m] Roman bucket (situla).
[n] Iron spearhead.
[o] Iron head of javelin.
$[p]$ Native potting vessel.
$[g],[j],[l],[m]-[o]$ from the cemetery of Pichora near Dobrichoz. (xi, 57, 70.)
[After A. Stocký, La Bohême à l'age du fer, Prague, 1933]


## THE NORTHERN PEOPLES

## GERMANY

[a] West-Germanic earthern vessel with 'Rädchenmäander.' (xi, 60.)
[b] Bronze fibula.
$[c],[f]$ Bronze buckles.
[d] Bone comb.
[e] Burgundian iron girdle-hook. (xi, 61.)
[g] Gold clasp for a woman's necklace.
[h] Roman silver cup.
[i] Gold pendant for a woman's necklace.
[j] Silver fibula.
[ $k$ ] Bronze strap-end.
[l] Roman silver bowl.
[ $m$ ] Bronze buckle.
[ $n$ ] Bronze armlet.
[o] East-Germanic earthen vessel with 'Linienbandmäander.' (xi, 60.)

Except $[c]$ and $[h]$ all native work. (xi, 70, 72.)
$[a]-[d],[f]$ and $[l]$ from West-Germanic territory; the rest from East-Germanic; [ $l]$ comes from the great silver hoard of Hildesheim (E. Pernice and F. Winter, Der Hildesheimer Silberfund, Berlin, 1901); [e] from the Burgundian burial-place at Ramhütte, Pomerania (J. Kostrzewski, Die ostgermanische Kultur der Spütlatènezeit, MannusBibliothek, xviir, 1919, Abb. 43); [h] is from a burial at Lübzow, Pomerania (Praehist. Zeitschr. 1912); [j] from a burial at Rondsen (S. Anger, Das Gräberfeld von Rondsen, Graudenz, 1890).


## THE NORTHERN PEOPLES

## DENMARK

Objects from inhumation graves. [a] Silver cup signed by a Greek silversmith and made in Capua. (xi, 61, 63.) For similar cups see Volume of Plates, iv, 128.
[b], [c] Silver hairpins with heads covered in filigree decorated gold leaf.
[d] Bowl of bluish-white glass of a type common in Pompeii. (xi, 61, 63.)
$[e],[f]$ Silver fibula with gold-wire ornament.
[g] Glass beaker with facet surface. A similar piece has been found in Pompeii. (xi, 61, 63.)
[h] Pottery from a typical Jutland inhumation burial.
All except $[a],[d]$ and $[g]$ are of native workmanship. (xi, 70, 72.)
[a], [e], [f] from Hoby, Laaland (Nordiske Fortidsminder, II, 3, pl. VIII and figs. 33, 35) ; [d] Espe, Fyn (Aarbøger f. nord. Oldkynd. 1871, p. 448); [b], [c], [g] Juellinge, Laaland (Nordiske Fortidsminder, 1, 1, pl. III 8, II 2); [h] Ryomgaard, Jutland (Aarbøger f. nord. Oldkynd. 1915, p. 153).


## THE NORTHERN PEOPLES

## THE SCANDINAVIAN PENINSULA

Objects from graves and other finds. [a] Gold pendant with filigree work from a necklace (cf. p. $6[i]$ ).
$[b],[c]$ Silver coins of Verus and Faustina Junior. Of some 7000 Roman coins from Scandinavian lands more than 5000 have been found in the island of Gotland. (xi, 61.)
$[d],[f]$ Gold finger-rings; these, which were perhaps weddingrings, were worn on the right hand by men and women.
[e] Iron shield-boss with small round and ornamental silver plates, bronze rivets, and handle with rivets. The rivets on boss and handle have silver-plated heads. The profiled ends of the handle are decorated with filigree silver foil and small dummy silver rivet heads.
[g] Iron sword, with one edge. (xi, 58.)
[ $h$ ] Bronze strap-end.
[ $i],[k],[l]$ Silver fibulae with gold filigree work.
[j] Pottery bowl.
$[m],[o]$ Glass gaming pieces. (xi, 61, 71.)
$[n]$ Bone die.
[ $p$ ] Gold pendant resembling [ $a$ ] but older.
All except $[b],[c],[m],[o]$ of native workmanship (xi, 70, 72 sq.).
$[a]-[c],[e],[h],[j],[m]-[o]$ found in Sweden, the rest in Norway. $[a],[e],[h]$ from Öland; [b], [c] Skaine; [ $[d],[f],[i],[l]$ from a woman's skeleton in the cemetery at Store-Dal, Østfold (see pp. 12, 14); [g] Hedmark; [j] Gotland; [m]-[o] Östergötland; [k] Østfold; [p] Vestfold.


## THE NORTHERN PEOPLES

## RURIAL CUSTOMS

According to Tacitus the Germanic peoples cremated their dead and their burial customs were simple. These statements are too definite. From the late Bronze age onwards cremation was the more common, but through Celtic influence inhumation occasionally came into use before our era, and later became frequent. At this time Roman bronze and glass ware frequently appears, especially in inhumation graves. The older hypothesis, that such graves contained the remains of Roman traders, has long been abandoned. The numerous fibulae, the majority of the pottery, etc. are local work, and, furthermore, these richly equipped tombs are typically barbarian and un-Roman. (xi, $72 s q$.)
[a] Part of the contents of an inhumation grave at Grossgriinoro, Pomerania. Terra sigillata bowl, Roman bronze jug and local pottery bowl.
[Mannus, Ergbd. v, Taf. XVI]
[b] Detail of a woman's grave at Juellinge, Laaland, Denmark. At the shoulders silver fibulae, on the skull gold and silver hair pins [see p. $8[b],[c]$, on the fingers rings, in the hand strainer for a trulla, above the head scissors, glass cups, drinking horns, lock and key of a wooden box, trulla and a damaged bronze cauldron.
[Nordiske Fortidsminder, 11, pl. 1]
[c] Grave with cremation burial from the cemetery at Store-Dal, Østfold, Norway. Bronze bowl containing a trulla and two glass bowls; above fragment of a bronze cauldron.
[Norske Oldfund, i, 1923, fig. on p. 41]


[b]

[c]

## THE NORTHERN PEOPLES

## BURIALS

Tacitus declared that the Germanic peoples buried their dead in barrows. Archaeological research has, however, proved that barrowburials do not predominate, for both low stone cairns and flat tombstones of various shapes, circular, triangular, or rectangular, were generally employed. A further type, common in cemeteries both in the island of Bornholm and in Sweden and Norway, was that of the Standing Stones (Swedish bautastenar) usually erected on level ground. In Denmark and Germany most of those inhumation graves that are rich in Roman imports are without any exterior mark or monument which would merely have been an invitation to grave-robbers. (xi, 63).
[a] Standing stones in the cemetery at Gödaiker in Uppland, Sweden.
[b] A view of the Store-Dal cemetery in $\emptyset$ stfold, Norway.
[From Fornvännen, 20, 1925, p. 326, and from Norske Oldfund, 1, 1923, fig. on p. 4]

[a]

[b]

## THE NORTHERN PEOPLES

## HOUSES

A large number of prehistoric house remains are known in the Germanic and particularly in the Scandinavian countries (MannusBibliothek, xi, 1913). The oldest iron-age houses, datable well before the Christian era, are in the Jutland peninsula (Fra Nationalmuseets Arbeidsmark, 1928, 1930). The largest group, consisting of foundations of some eleven hundred houses, is represented by the kämpagravar ('the warriors' graves') of the island of Gotland, many of which, datable to the first five centuries of our era, have been excavated.
[a] A reconstructed house at Lojsta in Gotland, set up by J. Nihlén and Gerda Boëthius.
[b] The foundations of the same house. In the foreground is the threshold; inside are the two rows of stone bases which carried the wooden posts or columns. This house is of the third century of our era but there are several others of similar ground-plan that are older. (xi, 70.)
[Fornvännen, 27, 1932, p. 342]

[a]


## THE EAST-BALTIC PEOPLES

[a] Ornamental pin.
[b] Mount of drinking horn.
[c] Fibula.
[d] Roman trulla. (xi, 67.)
[e] Armlet.
[f] Collar.
[g] Armlet.
$[h]-\left[k_{2}\right]$ Fibulae.
All of bronze.
$[a],[d],[g],[h]$ found in Finland; [e] in Latvia, the rest in Esthonia. The trulla is unique as a find in this region, Roman wares being on the whole very rarely found in these countries. The fibulae are of common Germanic types, the other objects are of types that have a distribution ranging from the south-western provinces of Finland to the banks of the Vistula. (xi, 67.)


## POLAND

Before the Slavs moved from their settlements on the upper Dniester south of the Pripet marshes Poland was, for the two first centuries of our era, inhabited by East-Germanic peoples, Burgundians, Vandals, etc. A trade-route followed the Vistula leading towards the south-eastern provinces of the Empire. Evidence of the extent of trade is afforded by the fact that some 20,000 Roman denarii have been found in Poland. (xi, 70, 72.)
[a], $[m]$ Pottery bowls.
$[b],[d],[j]$ Bronze fibulae.
[c] Gold pendant.
[e] Spearhead.
[f] Dagger.
[g] Gallo-Roman pottery kantharos with black glaze.
[h] Shears.
[i] Spindle made of amber beads threaded on a bronze wire.
[k] Bronze buckle.
[l] Iron Spur.
[a] from Gronówio; [b] from Rogoźno; [c] from Gniero; [d] from Niezychozoo; $[e, f, h]$ from Pyszaca; [g] from Topolno; [i] from Kowanóreko; [j] from Kokorzyń; [k] from Oborniki; [l] from Borek Fatecki; [m] from Kopki.
[Photographs supplied by Prof. J. Kostrzewoshi of the University of Poznain]


## GETAE AND DACIANS

[a] gold animal plaque with ornaments of the North-Asiatic animal style found at Mikhalkowo (Galicia) now in the Lrow Museum. On the shoulder and flank are embossed circles each having a triquetrum design. (xi, 77.)
[b] SHAMAN CROWN in GOLD from the same find and in the same museum. The form occurs on the later Shaman crowns worn by sorcerers of northern Asia. (xi, 77.)
[c] Silver dacian spiralarmlet from Dacia in the National Museum, Budapest. A Greek palmette pattern appears on the upper end. (xi, 88.)
[Photograph National Museum, Budapest]
[d] Dacian pottery. Part of a bowl imitating Samian ware, found at Tei, in the National Museum, Budapest. (xi, 88.)
[22 Bericht der römische-germanischen Kommission, 1932, Pl. 20, 5]


## SARMATIANS AND PARTHIANS

[a] WAll-painting from a grave at Panticapaeum, showing a battle between Panticapaeans (to the left) and Scythian horsemen of the Crimea (to the right). (xi, 99.)
[M. Rostovtzeff, Iranians and Greeks in South Russia, PI. XXIX, and Revue des Arts Asiatiques, 1933, Pl. LXV $a$ ]
[b] G old PlaQue from Siberia, a Sarmatian hunting a wild boar in a forest. (xi, 100.)
[M. Rostovtzeff, The Animal Style in South Russia and China, 1929, PI. XVI, 2, and Revue des Arts Asiatiques, 1933, Pl. LXVb]

[a]


## SARMATIANS AND PARTHIANS

[a] Religious painting from Doura. A reconstruction by Dr $\mathbf{F}$. Brown from fragments of the decoration of the Temple of Zeus Theos. (xi, 128, 637.)
[F. Brown, Dura Report VII-VIII, pp. 196 sqq. and fig. 50; cf. M. Rostovtzeff, Dura-Europos and its Art, 1938, PI. XIII and p. 75]
[b] a painted relief from the Temple of Bel at Palmyra. (xi, 128.)
[H. Seyrig, Syria, XV, 1932, pp. 155 sqq. Photograph Service d' Antiquités, Beyrouth]


## SARMATIANS AND PARTHIANS

[a] a bas-relief at Bihistun representing the duel between Gotarzes and Meherdates. The former, in the centre, is crowned by a victory. (xi, 129.)
[E. Herzfeld, Am Tor von Asien, Taf. 21]
$[b]$ Painting from the so-called temple of the Palmyrene gods of Doura in the Damascus National Museum. Conon and two priests performing sacrifice to the god of the temple. (xi, 129, 637, 805.) [F. Cumont, Fouilles de Doura-Europos, Pl. XXXI]

[a]


## SARMATIANS AND PARTHIANS

[a] A silver cup from Sacastene with scenes of a banquet. (xi, 130.)
[J. Smirnoff, Argenteric Orientale, S. Petersburg, 1909, PI. XXXVIII, no. 67; cf. M. Rostovtzeff, "Some New Aspects of Iranian Art," Seminarium Kondakovianum, vi, 1933, pp. 174 sqq. PI. XII, 7]
[b] Jewels from Doura. (xi, 130.)
[Dura Report, iv, Pl. XXVI, ef. p. 256]

[a]
types of glazed pottery from Doura and Irzi in Mesopotamia. $[a],[b],[d]$ Amphorae with moulded decoration on the shoulders. (Unpublished.)
[c] A small pot with brilliant glaze. (Unpublished.)
[e] A thymiaterion from the temple of Atargatis in Doura. (xi, 130.) [M. Rostovtzeff, Dura-Europos and its Art, 1938, Pl. VIII, 2] [Photographs Yale Dura Expedition, Nere Haven, Conn.]

[a]

[c]

[d]

[b]

[e]

## THE LIMES

hadrian's wall, a view of the elevated sentry-walk at Housesteads. (xi, 183, 522 sq.)
[Photograph D. McLcish]

part of theribbon-likerelief-band on the Column of Trajan in Trajan's Forum in Rome. The lower scene joins on to the upper at the right-hand side.

The army crossing the Danube by two bridges. (xi, 226, 782.) For other portions see $2,38,40,84$.
[C. Cichorius, Die Reliefs der Trajanssaüle, Iv, v]


## THE WARS OF TRAJAN

part of theribbon-Likerelief-band on the Column of Trajan in Rome.
[a] The Roman victory at Tapae. (xi, 227.)
[b] Attack on a Mühlbach fortress.
On the right Romans display the heads of Dacians. (xi, 229, 782, 789.) For other portions see $2,36,40,84$.
[C. Cichorius, op. cit. xxiv and Lxxir]

[a]


## THE WARS OF TRAJAN

Part of the ribbon-LIKERELIEF-band on the Column of Trajan in Rome.
[a] Trajan setting out for the campaign in June 105.
[b] Trajan disembarking after his crossing of the Adriatic. (xi, 230, 782.) For other portions see $2,36,38,84$.
[C. Cichorius, op. cit. axxxi, Lxxxir]

[a]


## THE WARS OF TRAJAN

the great monument at $A$ damclisi, dedicated to Mars Ultor in A.D. 109.
[a] View of the core.
[b] to [e] represent typical examples of the metopes which surround the monument immediately below the battlement. [b] Two Roman soldiers; $[c]$ a mailed Roman with short sword getting the better of a Dacian in close combat; [d] a Roman soldier with two noble Dacian captives; [e] a Dacian leading his wife into exile. (xi, 234 sq., 804.)
[Photographs R. P. Longden]

[a]

[b]

[d]

[c]

[e]

## AFRICA

[a] two votive stelae (height 1.70 and 1.85 metres) found at Sillègue (Département de Constantine), now in the Stéphane-Gsell Museum at Algiers. That on the left is dated to the year 183 of the provincial era=A.D. 222. In the upper panel is Baal-Saturn; in the central one are the dedicators, a priest and his wife, Africans of the middle class; in the lowest panel is the sacrificial animal. Local art with some attempt at realism. (xi, 488.)
[C.I.L. viri, 20433, 20431; P. Wuilleumier, Musée d'Alger, Supplément, Paris 1928, pp. 28 sqq., Pl. III. Photographs, Direction des Antiquités de l'Algérie]
[b] statue in terracotta (height $1 \cdot 50 \mathrm{~m}$.) found near Bir Bou Rekba (Tunisia), in the ruins of a sanctuary adjoining the ancient town of Siagu, now in the Bardo Museum at Tunis. This lionheaded goddess personifies the genius terrae Africae. The statue, which stood at the entrance of a temple of Baal-Saturn and TanitCaelestis, is of the Roman era but perpetuates an Oriental tradition which harks back to Punic days. (xi, 488.)
[A. Merlin, 'Le Sanctuaire de Baal et de Tanit près de Siagu,' Paris 1910, Fasc. Iv des Notes et Documents publiées par la Direction des Antiquités et Arts de Tunisie, Pl. III 1. Photograph, Direction des Antiquités et Arts de Tunisie]


## SPAIN

[a] two sculptures from Castulo, in the Archaeological Museum of Madrid: a facing bust (height 0.40 m .), with a head-dress of leaves; below a pedimental ornament flanked by volutes (height 0.42 m .) decorated with facing human heads surrounded by long pointed leaves. Native work clumsily executed. (xi, 498.)
[Photographs by Professor Albertini]
[b] a funeral stele (Ephem. Epigr. viit, p. 426, no. 168), at Luzcando in the Province of Alava (height 1 m .): six-petalled flowers and stylized vine-tendrils are carved in low relief reminiscent of wood-carving. Below it is the fragment of a stele (height 0.60 m .) in the collection of the Marquis of Comillas at Comillas in the Province of Santander. The stone is covered in designs carried out in the manner of wood-carving. (xi, 499.)
[Photographs by F. Baraibar and Professor Albertini]
$[c]$, [d] pottery fragments found at Elche in the Province of Alicante now in the Faculté des Lettres de l'Université de Bordeaux. These fragments were found closely associated with sherds and coins of the Roman period, and are evidence for the long duration of the Iberian pottery style. The ancient type of decoration and fabric is accurately retained in the painting of the bird (height 0.16 m .); but they have experienced a certain amount of evolution in the drawing of the garland (width 0.42 m .). (xi, 499.)
[E. Albertini, "Fouilles d'Elche" in Bulletin Hispanique, viri-Ix (1906-07), Pl. I, 11 and PJ. VIII, 71 bis. Photographs by La Photographie industrielle du Sud-Ouest, Bordeaux]

[a] the roman bridge of Alcantara (Province of Cáceres) over the Tagus. Built under Trajan, the expense being shared by eleven citizens of Lusitania, it is a structure remarkable for its bold design. The length is 194 metres, the height, without the arch that rises in the middle of the bridge, is 48 metres. (xi, 500.)
[C.I.L. II, pp. 89-96; Dessau, Insc. Lat. Select. 287 ; J. R. Mélida, Arqueologia Española, p. 266 sq., Pl. XIX; R. Menéndez Pidal, Historia de España, iI, pp. 577 sqq. Photograph K. Hielscher, Das Unbekannte Spanien, Pl. 142]
[b] the Aqueduct of Segovia. This aqueduct, which probably dates from the early days of the Empire, crosses a valley in the middle of the city. It bends at an obtuse angle and has arcades in two storeys. The maximum height is 28.50 metres. There was once an inscription in letters of bronze, now lost. (xi, 500.)
[J. R. Mélida, op. cit. p. 269, Pl. XX; R. Menéndez Pidal, op. cit. ri, p. 297 sq. Photograph Vernacci]

[a]

[b]
CAHSV

## BRITAIN

[a] agold brooch (known as the Aesica Brooch) from a Roman fort in Northumberland, now in the Black Gate Museum, Nerocastle-on-Tyne. Length $11 \cdot 4$ centimetres.
[b] a castor pottery vase from Corbridge at Corbridge. A dog pursuing a hare.
This pottery was made at and near Castor (Northamptonshire). Both show a blend of Roman and Celtic influences (xi, 517), the shape being Roman and the ornament typically Celtic.
[c] theroman baths at Bath; the vaulted hall of the Great Bath. (xi, 522.)
[R. G. Collingwood, Roman Britain, Figs. 15, 34, 37]

[a]

[b]

[c]

## ROMAN GERMANY

[a] painted pottery of the Vangiones from Rheinhessen in the Römisch-germanisches Zentralmuseum, Mainz. These jars closely resemble Celtic ceramics. (xi, 528.)
[G. Behrens, Denkmüler des Wangionengebietes, Frankfurt a. Main, 1923. Photographs Römisch-germanisches Zentralmuseum, Mainz]
[b] Germanpottery of the Suebi Nicretes found near Mannheim, now in the Mannheim Schlossmuseum. (xi, 528.) Scale in centimetres.
[Altertümer unserer heidnischen Vorzeit, v, p. 370. Photograph Mannheim Museum]
[c] Examples of the revival of La Tène types of pottery beginning in the later part of the second century, now in the Landesmuseum, Bonn. (xi, 536.) Scale in centimetres.
[F. Oelmann, Die Keramik des Kastells Niederbieber, Frankfurt a. Main, 1914, p. 35. Photograph Landesmuseum, Bonn]


## ROMAN GERMANY

$[a],[b]$ томbstone of Blussus and his wife Menimanii from Mainz in the City Museum of Mainz. Both bear Celtic names and wear Celtic costume. On $[b]$ is a detailed view of the wife with her jewelry and her small lap-dog. (xi, 534.)
[C.I.L. XiII, 7067. Photographs from the painted casts in the Römisch-germanisches Zentralmuseum, Mainz]
[c] томвstone of a Roman lady from. Nickenich, in the Museum at Bonn. She wears a Celtic necklace and her hands are placed so as to display her bracelets and rings. (xi, 534.) Height 1.77 metres. [Germania 16, 1932, p. 22 ff. Photograph Landesmuseum, Bonn]
[d] томbstone from Neumagen in the Landesmuseum at Trèves. Above, the master with horse, hound and groom return from the hunt. Below, tenants paying their dues. (xi, 534.) Scale in centimetres.
[W. von Massow, Die Grabmäler von Neumagen, 1932, p. 184. Photographs Landesmuseum, Trèves]

[a]

$[c]$

[b]

[d]

## ROMAN GERMANY

[a] Two views of a tombstone, in its present state above, and restored below, from the pillar of Igel on the Moselle, in the Landesmuseum, Trèves. In the central medallion Hercules ascends to heaven in a quadriga and is welcomed by Minerva. On the border are the signs of the Zodiac; in the four corners, the heads of Winds; on the side columns Mars and Venus(?) fighting against giants. (xi, 534.) Scale in centimetres.
[H. Dragendorff and E. Krüger, Das Grabmal von Igel, Trèves, 1924. Photographs Landesmuseum, Trèves]
[b] Three deities on a 'stone of the four gods' from Alzey, Rheinhessen at Alzey. Height 98.8 centimetres. At the top is Hercules with Cerberus; in the centre Vulcan with tongs and a torch, at his side is a stag; at the bottom is Juno. (xi, 538.$)$
[Mainzer Zeitschrift, 24/25, 1929-30, p. 98. Photographs Römisch-germanisches Zentralmuseum, Mainz]

[a]

[b]

## CENTRAL DANUBIAN PROVINCES

[a] томвstone of Veriuca found at Intercisa (Pannonia) now in the National Museum at Budapest. She wears the native Pannonian dress with large fibulae (see $60[a],[b]$ ) on her shoulders, and holds a spindle in her right hand and a bird perched on her left forefinger. (xi, 541.)
[b] two funeral medallions in stone of Norican type from Dacia in the Transylvanian National Museum at Cluj. (xi, 553.)
[c] a pair of stone lions decorating a tomb from Intercisa now in the National Museum at Budapest. (xi, 553.)


## CENTRAL DANUBIAN PROVINCES

$[a]$, $[b]$ theee silverfibulae from northern Pannonia in the National Museum, Budapest. The two lower ones (from Pátka) are inlaid with stones and have golden filigree decoration.
[c] A SHERD of a grey pot by 'Resatus' in La Tène style from Aquincum, in the same museum.
[d] TWO BRONZE OPENWORK PLAQUES found in northern Pannonia and in the same museum used to decorate the sides of chariots. (xi,542.)
[Photographs National Museum, Budapest]


## THE EAST AND CRETE

[a] a funeral relief from Palmyra formerly in the collection of Vicomtesse d'Andurain in Palmyra. A schoolboy holding tablets on which there appear the last four letters of the Greek alphabet. He wears the long-sleeved national dress and a cloak fastened by a brooch on the right shoulder, and a necklace with pendant. (xi, 639.)
[M. Rostovtzeff, Caravan Cities, PI. XXIII, 3]
[b] a statue of hadrian from Hierapytna, Crete now in the Museum of Antiquities, Constantinople. On his breastplate there appears a relief showing the Palladium crowned by two victories and standing on the back of the She-wolf under which are the Twins. He is crowned with the imperial laurel-wreath. At his feet is a crouching boy. (xi, 666.)
[M. Schede, Griech. und Röm. Skulpturen des Antikenmuseums, Istanbul, Pl. XXXIII]

[a]

[b]

## NERONIAN ARCHITECTURE

[a] The PraEtorium of the camp for two legions at Vetera near Xanten on the Rhine. A model by R. Schultze. A reconstruction of the camp could be made with approximate certainty on account of the clear ground-plan revealed in the excavations. The date lies between A.D. 50 and 70, probably between 60 and 70. (xi, 776.)
[R. Schultze in H. Lehner,' 'Xanten,' Römisch-germanische Forschungen, iv, pp. 71 sqq.]
[b] the palace of a legatus at Vetera. A model by H. Mylius. (xi. 776.)
[H. Lehner, ib. pp. 52 sqq.; cf. G. Rodenwaldt, Gnomon, 11, 1926, pp. 337 sqq. Photographs Rheinisches Provinzial-Museum, Bonn]

[a]


## NERONIAN ARCHITECTURE

[a] the domusaurea of Nero in Rome, a view of the vault of the octagonal hall in the east wing. (xi, 777.) Compare Plan 1 in Volume xi, facing p. 775.
[G. Lugli, I monumenti antichi di Roma e suburbio, r, 1930, pp. 200 sqq.; A. Terenzio, 'The Golden House of Nero', Illustrated London Neres 1934, July 21, pp. 97 sqq. Photograph Illustrated London Newos]
[b] wall-painting from Pompeii in Naples, Museo Nazionale. View of a building which resembles the surviving portions of the Domus Aurea on account of its symmetrical arrangement and central block. (xi, 777.)
[M. Rostowzew, 'Pompeianische Landschaften und römische Villen,' J.D.A.I. xix, 1904, pp. 103 sqq., Pl. 7, 2; cf. M. Rostowzew, Röm. Mitt. xxvı, 1911, pp. 72 sqq.]

[a]

[b]

## THE COLOSSEUM

[a] THE EXTERIOR of the Colosseum, the Amphitheatrum Flavium, in Rome.
[b] THEINTERIOR. (xi, 778 sq.$)$
[See G. Lugli, op. cit. pp. 186 sqq . for the history of the structure and especially the problem of the fourth storey. Cf. H. M. Leopold, Meded. Nederl. Histor. Inst. Rome, Iv, 1924, p. 39, and A. von Gerkan, Röm. Mitt. xı, 1925, pp. 11 sqq. Photographs Alinari]

[a]


## ARCHES

[a] the arch of titus in Rome, set on the crest of the Velia, in sacra via summa, to commemorate the victory of Titus over the Jews and the capture of Jerusalem. It was only completed and dedicated after his death (A.D. 81). The original portions are of Pentelic marble, the restorations of travertine. (xi, 779.) (For the reliefs see below, $78[a],[b]$.)
[G. Lugli, op. cit. pp. 147 sqq.; F. Noack, Triumph und Triumphbogen (Warburg Vorträge 1925-1926), pp. 183 sqq.; H. Kähler, Röm. Mitt. L, 1935, pp. 214 sqq.]
[b] Thearch oftrajan at Ancona at the entrance of the harbour mole. Set up in A.D. 115 to commemorate the widening of the harbour. (xi, 780.)
[F. Noack, op. cit. p. 189. The statue-base has been studied by E. Galli, see Arch. Anz. 1936, p. 458, fig. 10. After F. Noack, Baukiunst, Pl. 148]


## PAINTING

[a] wall-painting: details from the House of the Vettii in Pompeii illustrating the fourth Pompeian style. (xi, 783 sq .)
[For criticism of the 'fourth style' see G. Rodenwaldt, Arch. Anz. 1923-4, p. 369, and Die Kunst der Antike ${ }^{3}$, pp. 74 sqq.; L. Curtius, Die Wandmalerei Pompejis. Photograph Alinari]
[b] wall-painting: a fragment from Herculaneum, in Naples, Museo Nazionale. (xi, 784.)
[G. Rodenwaldt, Die Kunst der Antike ${ }^{3}$, p. 74 ; L. Curtius, op. cit. pp. 174 sqq. Photograph Anderson]


## PAINTING

[a] wall-painting: a wrestling-match between Pan and Eros before Dionysus and Ariadne. In the oecus of the House of the Vettii in Pompeii. This is a composition in the 'fourth style' employing Greek figure-subjects. (xi, 785.)
[G. Rodenwaldt, Die Komposition der pompeijanischen Wandgemälde, pp. 156 sqq. After Herrmann-Bruckmann, Denkmüler der Malerei, Pl. 9]
[b] wall-painting: Odysseus and Penelope. A painting in the 'fourth style' in the Macellum in Pompeii. It is a copy of a Greek picture to which a Roman background has been added. (xi, 785.)
[G. Rodenwaldt, Die Kunst der Antike ${ }^{3}$, p. 75; L. Curtius, op. cit. pp. 232 sqq. Photograph Brogi]



## PAINTING

[a]-[c] small wall-paintings in Room $q$ of the House of the Vettii in Pompeii. [a] Cupids busy with the vintage. [b] A cupid riding a crab. $[c]$ A cupid driving a chariot drawn by a pair of dolphins. (xi, 785.)
[G. Rodenwaldt, op. cit. pp.75, 586, 588,589; L.Curtius, op. cit. pp. 142 sqq.; HerrmannBruckmann, Denkmäler der Malerei, Pls. 25, 37. Photographs Alinari]
[d] detail of the decoration in Room $p$ of the House of the Vettii in Pompeii. Sea-horses. A panther balanced on a tendril. (xi, 785.) [L. Curtius, op . cit. p. 29, fig. 20. Photograph Faraglia]

[a]

[b]

[c]


## RELIEFS

reliefs on the inside of the Arch of Titus in Rome (see $70[a]$ ). Two scenes from the Triumph of Titus celebrating his Jewish victory and the capture of Jerusalem.
[a] Part of the procession carrying the sacred furniture captured in the Temple.
[b] Titus crowned by Victory in his chariot led by Virtus (on the left) and Honos. (xi, 78\%.)
[E. Strong, La Scultura Romana, pp. 105 sqq., and Art in Ancient Rome, II, pp. 53 sqq.; J. Sieveking, Festschrift Paul Arndt, p. 27 sq. Photographs Alinari]

[a]


## RELIEFS

[a] portion of a frieze representing Trajan in battle, cut and re-used to decorate the interior of the Arch of Constantine in Rome. Barbarians are shown breaking under the onslaught of the emperor and his bodyguard. (xi, 788.)
[E. Strong, La Scultura Romana, pp. 142 sqq.; J. Sieveking, op. cit. p. 28. Photograph Alinari]
[b] A Relief from one of the screens of the Rostra in the Forum Romanum. Trajan, addressing the people from the Rostra, proclaims the founding of alimenta. (xi, 788.)
[E. Strong, op. cit. pp. 138 sqq. and fig. $86 a$; J. Sieveking, op. cit. p. 28 ; E. Strong, Art in Ancient Rome, ir, p. 71 sq.; M. Rostovtzeff, Social and Economic History of the Roman Empire, p. 314, Pl. к, 1]

[a]

[b]

## RELIEFS

reliefs from the Triumphal Arch of Trajan in Beneventum.
[a] The lower panel on the right pylon of the arch facing the city. Trajan is shown entering the Forum. (xi, 788.)
[Photograph Alinari]
[b] The left-hand relief on the attica on the side facing the city. The Capitoline Triad is shown awaiting the emperor's arrival. (xi, 789.)
[A. von Domaszewski, Jahresh. 11, 1889, p. 137 sq.; E. Strong, La Scultura Romana, pp. 191 sqq. and fig. 1101 ; G. A. S. Snijder in J.D.A.I. xLI, 1926, pp. 94 sqq.; E. Strong, Art in Ancient Rome, 11, p. 817

[a]

[b]

## RELIEFS

part of the ribbon-like relief-band on the Column of Trajan in Trajan's Forum in Rome. The lower picture joins on to the upper at the right-hand side. The scene shows the subjugation of the Dacians at the end of the First Campaign. At the left (above) is Trajan seated; on the right (below) is Decebalus standing. (xi, 782, 789.) For other portions of the same Relief-band see 2, 36-40 (above).
[E. Strong, La Scultura Romana, pp. 153 sqq.; K. Lehmann-Hartleben, Die Traianssäule, p. 56, Taf. 35. This after C. Cichorius, Die Reliefs der Trajanssäule, Lxxv]


## PORTRAITURE

[a] portrait of Domitius Corbulo, in Rome, Capitoline Museum (Stanza dei filosofi).
[H. Stuart Jones, Catal. of the Ancient Sculpture of the Capitoline Museum, no. 48. Photograph Anderson]
[b] portrait of Nero, in Rome, Museo delle Terme.
[R. Paribeni, Le Terme di Diocleziano e il Museo Nazionale Romano ${ }^{2}$, no. 681. Photograph Alinari]
[c] portrait of a young woman of the Flavian or Trajanic period, in Rome, Capitoline Museum (Stanza degli imperatori).
[H. Stuart Jones, op. cit. no. 23; R. Delbrueck, Antike Porträts, P1. 40]
[d] portrait of an elderly woman, in Rome, Lateran Museum. (xi, 790.)
[Photograph Alinari]

[a]

[c]

[b]

[d]

## PORTRAITURE

[a] Statue of claudius as Juppiter in Olympia.
[G. Rodenwaldt, Gnomon, ir, 1926, p. 341 sq.; G. Lippold, Die Skulpturen des V aticanischen Museums, III, 1, p. 138 sq.]
[b] statue of titus in the Vatican (Braccio Nuovo).
[W. Amelung, Die Skulpturen des Vaticanischen Museums, 1, p. 40 sq., no. 26]
[c] Statue of domitian in the Vatican (Braccio Nuovo), the head separately attached but probably belonging to the statue. (xi, 790.) [W. Amelung, op. cit. pp. 152 sqq., no. 129. Photographs [a] Alinari, $[b, c]$ Anderson]




## HADRIANIC SCULPTURE

[a] and [c] statue of the Antinous Farnese, in Naples, Museo Nazionale. An original of Hadrianic date based on Greek prototypes. [G. Lippold, Kopien und Umbildungen griechischer Statuen, p. 192]
[b] antinous as Dionysus: head and shoulders of the Antinous Braschi in the Vatican (Rotonda). A Hadrianic original. (xi, 792.) [G. Lippold, Die Skulpturen des Vaticanischen Museums, III, 1, pp. 113 sqq., no. 540. Photographs [a] Brogi, [b] Anderson]

[a]

[b]

## HADRIANIC SCULPTURE

[a] antinous; relief in the Villa Albani, Rome. A Hadrianic original found in Hadrian's villa near Tivoli.
[G. Lippold, Kopien und Umbildungen griechischer Statuen, p. 192]
[b] antinous mondragone in Paris, The Louvre. Hadrianic original. (xi, 792.)
[G. Lippold, op. cit. p. 193 sq. Photograph Giraudon]

[a]

[b]

## HADRIANIC SCULPTURE

[a] statue of a young Centaur in Rome, Capitoline Museum, a work of the sculptors Aristeas and Papias of Aphrodisias in Caria made in black marble. This, with its companion piece, an old Centaur, was found in Hadrian's villa near Tivoli. (xi, 792.)
[G. Lippold, op. cit. p. 104; H. Stuart Jones, op. cit. no. 2. Photograph Anderson]
[b] statue in porphyry of a Dacian captive in the Giardino Boboli in Florence. The figure perhaps comes from the porticus porphyretica of Trajan's Forum in Rome. (xi, 792.)
[R. Delbrueck, Antike Porphyrwerke, Pl. 4a, and pp. 46 sqq.]


## HADRIANIC AND ANTONINE SCULPTURE

[a] colossal portrait of Hadrian in the Vatican (Rotonda).
[G. Lippold, Die Skulpturen des Vaticanischen Museums, iif, 1, p. 543 sq. no. 543]
[b] portrait of an unknown man, misnamed 'Vitellius,' in the Regio Museo Archeologico in Venice.
[C. Anti, Guida del R. Museo Arch. nel Palazzo Reale di Venezia, pp. 134 sqq., no. 15\%; J. Sieveking, Festschrifl Habich, pp. 43 sqq. Photograph Fiorentini, Venice]
[c] bust in armour of Marcus Aurelius in Rome, Capitoline Museum; found in the so-called villa of Antoninus Pius in Lanuvium.
[H. Stuart Jones, op. cit. no. 63. Photograph Anderson]
$[d]$ bust in armour of Lucius Verus in Rome, Capitoline Museum; found with [c]. (xi, 793.)
[H. Stuart Jones, op. cit. no. 41. Photograph Anderson]

[a]

[c]

[b]

[d]

## SARCOPHAGI

[a] Panel of a garland-sarcophagus in the Campo Santo at Pisa. It bears the name of C. Bellicus Natalis Tebanianus, consul in A.D. 87 .
[H. Dütschke, Die antiken Bildwerke im Campo Santo zu Pisa, pp. 101 sqq., no. 128; C.I.L. xi, no. 1430; compare the accurate discussion of the date in W. Altmann, Architektur und Ornamentik der antiken Sarkophage, p. 100; J. Toynbee, J.R.S. xvir, 1927, p. 19 and The Hadrianic School, p. 229 sq. Photograph from the Corpus of Ancient Sarcophagi]
[b] SARCOPHAGUS with the story of Orestes, in Rome, Lateran Museum. The killing of Clytemnestra and Aegisthus. This was found, with $[c]$ and a garland-sarcophagus, in a tomb of Hadrianic date near the Porta Viminalis, Rome.
[C. Robert, Die antiken Sarkophag-Reliefs, II, no. 155; G. Rodenwaldt, Die Kunst der Antike ${ }^{3}$, p. 639 and J.D.A.I. xlv, 1930, p. 146; J. Toynbee, The Hadrianic School, pp. 164 sqq. Photograph Alinari]
[c] SARCophagus with the death of the Niobids, in Rome, Lateran Museum. This is the companion piece to [b]. (xi, 794.)
[C. Robert, op. cit. I , no. 315; G. Rodenwaldt, op. cit. p. 638 ; J. Toynbee, op. cit. pp. 184 sqq. Photograph Anderson]

[a]

[b]

[c]

## SARCOPHAGI

[a] Panel of a sarcophagus with the Judgment of Paris, walled into the Casino of the Villa Medici in Rome. (xi, 794.)
[C. Robert, op. cit. i1, no. 11; J. Sieveking, Festschrift Paul Arndt, p. 33 sq., fig. 8. Photograph Andersom]
[b] The front panel of a large Sarcophagus, or a relief from a Triumphal arch, showing a battle in front of a fortified town; on the right and left are captives under trophies. Walled into the garden façade of the Casino of the Villa Doria-Pamphili in Rome. (xi, 795.)
[F. Matz and F. von Duhn, Antike Bildwerke in Rom, II, p. 433 sq., no. 3319; G. Rodenwaldt, ' Uber den Stilwandel in der antoninischen Kunst,' Abh. der Preuss. Akad. der Wiss. 1935, p. 24, Taf. 8. Photograph from the Corpus of Ancient Sarcophagi]

[a]

[b]

## RELIEFS

tworondos of Hadrianic date attached to the Arch of Constantine in Rome. (xi, 795.)
[a] A sacrifice to Apollo.
[b] A sacrifice to Diana.
[E. Strong, La Scultura Romana, pp. 217 sqq. For the most recent dating see Fr. von Lorentz, Röm. Mitt. xlviif, 1933, p. 311. Photographs Anderson]

[a]


## RELIEFS

[a] Relief from a Triumphal arch; Marcus Aurelius sacrificing. In the Palazzo dei Conservatori, Rome.
[H. Stuart Jones, Catal. of the Ancient Sculpture of the Palazzo dei Conservatori, pp. 22 sqq., no. 4; J. Sieveking, op. cit. p. 34; G. Rodenwaldt, 'U'ber den Stilwandel in der antoninischen Kunst,' p. 18. Photograph Anderson]
[b] Relief from a triumphal arch re-used on the attica of the Arch of Constantine in Rome; Marcus Aurelius sacrificing. The head has been changed. (xi, 795.)
[E. Strong, op. cit. pp. 253 sqq.; J. Sieveking, op. cit. p. 34; G. Rodenwaldt, op. cit. p. 18$]$


## RELIEFS

detailes from the Column of Marcus Aurelius in Rome.
[a] In the middle of the centre band appears the miraculous storm of rain. (xi, 358, 795 sq.)
[F. Strong, op. cit. pp. 263 sqq.; M. Wegner, J.D.A.I. xlvi, 1931, p. 93, fig. 15]
[b] Part of Scene no. xlviil depicting the slaughter of captive Sarmatians. (xi, 796.)
[M. Wegner, op. cit. p. 73, fig. 5. Photographs German Archaeological Institute]



## ARCHITECTURE

the pantheon in Rome. (xi, 796.)
[a] The front.
[b] The interior.
[D. S. Robertson, Handbook of Greek and Roman Architecture, pp. 246 sqq.; A. von Gerkan, Gnomon, v, 1929, pp. 273 sqq.; G. Rossi, Bull. Com. LIx, 1931, pp. 227 sqq. Photographs [a] Alinari, [b] Anderson]

[a]


## ARCHITECTURE

[a] PART OF A BLOCK of town dwellings in Ostia; a reconstruction. (xi, 798.)
[G. Calza, Monumenti Antichi, xxili, 1915, pp. 542 sqq.; D. S. Robertson, op. cit. p. 308, fig. 129]
[b] LARGE TOMB with façades of red and yellow brick, the so-called 'Temple of the deus rediculus,' near Rome outside the Porta S. Sebastiano. (xi, 798.)
[Photograph Alinari]


## ARCHITECTURE

[a] THE BATHING POOL in the great Baths of Leptis Magna.
[P. Romanelli, Leptis Magna, pp. 118 sqq.; D. Krencker, Die Trierer Kaiserthermen, pp. 216 sqq.]
[b] The Basilica of Leptis Magna. (xi, 798.)
[P. Romanelli, op. cit. p. 101 sq.; R. Bartoccini, Africa Italiana, II, 1928-9, pp. 30 sqq. and p. 36. Photographs Sopraintendenza degli Scavi, Tripolis]

[a]

[b]

## THE GREEK EAST

[a] head of a bearded man in Athens, National Museum. (xi, 801.)
[S. Papaspyridi, Guide du Musée National d'Athènes, p. 114, no. 419; A. Alföldi, Die Vorherrschaft der Pannonier im Römerreiche (25 Jahre Röm.-German. Kommission), pp. 40 sqq., where it is dated, but unconvincingly, to the third century]
[b] head of a youth in Berlin, Altes Museum.
[G. Rodenwaldt, Die Kunst der Antike³, Taf. XLF; C. Blümel, Römische Bildnisse, p. 31, no. 74, Taf. 46]
[c] atticsarcophagus, with the hunt of the Calydonian boar, in Athens, National Museum. (xi, 801.)
[S. Papaspyridi, op. cit. p. 223, no. 1186; C. Robert, Die Antiken Sarkophag-Reliefs, III, 2, no. 216. Photographs [a], [c] German Archaeological Institute]

[a]

[b]


## THE GREEK EAST

[a] GARLAND-SARCOPHAGUS for a child, from southern Asia Minor, in the Vatican. (xi, 801.)
[G. Rodenwaldt, J.H.S. LiII, 1933, p. 198, figs. 11 and 12. Photograph Moscioni]
[b] front of a pillar-sarcophagus from Asia Minor in Melfi. The coiffure of the reclining woman dates the work between A.D. 165 and 170. (xi, 801.)
[R. Delbrueck, J.D.A.I. xxviII, 1913, p. 277 sq.; C. R. Morey, The Sarcophagus of Claudia Antonia Sabina (Sardis, v, 1), p. 34 sq.; Antike Denkmäler, III, Pl. 22]



## THE GREEK EAST

[a] The façade of the Library in Ephesus; a reconstruction. It was built about A.D. 115.
[W. Wilberg, Jahresh. xi, 1908, p. 118 sq.; D. S. Robertson, op. cit. pp. 289 sqq., fig. 120]
[b] The monumental gateway of the southern market place of Miletus, re-erected in the Pergamon-Museum in Berlin. (xi, 802.)
[H. Knackfuss, 'Der Südmarkt,' Milet, Ergebnisse der Ausgrabungen, 1, 7. Photograph Staatliche Museum, Berlin]


## SYRIA

relief from Wadi el Miyah to the east of Palmyra, in the Museum of Damascus. The dedication of a Strategos to a group of gods in A.D. 225. (xi, 804.)
[H. Seyrig, Syria, xiII, 1932, Pl. LVI, and pp. 259 sqq.]


## THE TREVERI

relief from a tombstone from Neumagen, in Trèves, Rheinisches Landesmuseum. A School. (xi, 805.)
[a] Head of the teacher.
[b] Head of the standing pupil on the right.
[c] The complete scene.
[W. von Massow, Die Grabmäler von Neumagen, pp. 132 sqq., no. 180, Taf. 27, figs. 86, 87. Photographs Rheinisches Landesmuseum, Trèves]

$[a]$

[b]

[c]

## COINS OF THE EAST AND OF THE FLAVIANS

[a]-[c] Iranian types. The king on horseback on first and secondcentury coins of [a] Bosporus, Sauromates II, bronze with his bust. [b] Parthia, Artabanus III, tetradrachm, his bust facing. Rev. Tyche offering him a palm-branch. [c] Graeco-Sacian tetradrachm of North-West India, Azilises, the Dioscuri facing. (xi, 97.)
$[d]-[g]$ Parthia. [d] Vardanes, or his son, tetradrachm A.D. 55-56. His bust. Rev. seated king and standing Tyche. [e] Vologases I, tetradrachm A.D. 51-52; [f] similar, A.D. $62-63$; both with the same types as [d]. [g] Osroes, bronze ca. A.D. 106, head of king. Rev. Head of Tyche. (xi, 90.)
$[h]-[m]$ Coins of Vespasian. [h] Denarius. His head laureate. Rev. Heads of Titus as Consul and Domitian as Praetor facing one another, both have the title Caesar. (xi, 6.) [i] Denarius. His head. Rev. Captive Judaea. [k] Sestertius. His bust. Rev. adsertori libertatispyblicae in wreath. [l] Similar. Rev.aeternitas p.r. Victory greeting the Emperor. [m] Similar. libertas restiтvta. The Emperor raising a kneeling figure while Roma stands in the background. (xi, 5.)
$[n],[o]$ Coins of Domitian. $[n]$ Silver piece of three denarii minted in Asia. His head. Rev. The Capitoline temple restored. a.d. 82. (xi, 34.) [o] Silver piece of five denarii. His head. Rev. Captive Germania in attitude of mourning seated on shields. A.D. 85. (xi, 24.)
[All in the British Museum]

$[a]-[e],[i]$ Coins of Nerva, all with laureate bust. $[a]$ to $[c]$ Sestertii, the first with figure of Libertas. (xi, 192.) [b] Palm tree and Fisci ivdaici calvmnia svblata. A.D. 96. (xi, 35, 191.) [c] Modius with corn, plebeivrbinae frvmento constitvto. a.d. 97. [d] Aureus. concordia exercitvvm, clasped hands. (xi, 191.) [e] Denarius. Rev. Justice. (xi, 191.) [i] Sestertius. Mules grazing. vehicviatione italiae remissa. (xi, 192.)
$[f]-[h],[k],[l]$ Coins of Trajan, all with laureate bust. [f] Denarius. Rev. Figure of Spes. [g] Aureus. Rev. alim. Ital. The Emperor stretching his hand towards kneeling figures. (xi, 211.) [ $h]$ Denarius. ARAB. ADQ. Figure of Arabia, a camel at her side. A.D. 108. (xi, 237.) [ $k$ ] Sestertius. Rev. A triple triumphal arch. A.D. 100. (xi, 205.) [ $l$ ] Sestertius. Rev. Bird's-eye view of the harbour of Ostia enlarged by Trajan. (xi, 208.)
[All except [ $k$ ] in the British Museum; [ $k$ ] in the Bibliothèque Nationale, Paris]


## COINS OF HADRIAN AND ANTONINUS PIUS

[a]-[i] Coins of Hadrian illustrating the types of many of the Provinces. [a] Aureus. Africa wearing an elephant-scalp. [b] Denarius. Asia, her foot on a prow. [c] Denarius. Germania armed. [d] Aureus. Hispania reclining, a voracious rabbit beside her. [e], $[f]$ Denarii. Achaia, and Gallia, each being raised by the Emperor as Restitutor. [g] Dupondius. Britannia seated. [ $h$ ] Denarius. Italia standing. [i] Dupondius. The device of Sicily-Triskeles with Gorgoneion. (xi, 317; xii, 415.)
[k]-[s] Coins of Antoninus Pius. [ $k$ ] Denarius. Figure of Aequitas. (xi, 331.) [ []$,[m]$ Sestertii commemorating the giving of kings to the dependent Armenians and to the Quadi. (xi, 336.) [ $n$ ] Aureus. Bust of Diva Faustina. Rev. pvellae favstinianae. A twostoreyed building; above three personages in consultation, below a group of girls. (xi, 335.) [o] Aureus. The Emperor on a platform supervising a distribution of gifts. [ $p]$ Denarius. Minerva holding a Victory. [q] Sestertius. The front of the Temple of Roma begun by Hadrian and completed by Pius. (xi, 338.) [ $r$ ] Bronze minted in Alexandria A.d. 145. Rev. In the centre head of Sarapis, around this a zone of heads of Greek gods, outside this the signs of the zodiac. (xi, 338.) $[s]$ Similar mintage. Rev. The river-gods Nile and Tiber clasping hands. (xi, 339.)
[All in the British Museum]


## COINS OF MARCUS AURELIUS, VERUS AND COMMODUS

$[a]-[d]$ Coins of Marcus Aurelius. [a] Sestertius. Subjugation of Germany; a trophy between a seated German woman and a German captive with hands bound behind him. (xi, 357.) [b] Sestertius. relig avg. Statue of the Egyptian Hermes in a temple. (xi, 357, 365; xii, 413.) [c] Sestertius. Marcus as Restitutor Italiae. (xi, 357.) [d] Bronze minted in Alexandria. Figure of monhta symbolizing the close link between Rome and Alexandria. (xi, 365.)
[f] Lucius Verus. Bronze minted in Alexandria. Rev. Verus and Marcus in a quadriga facing (cf. below, 212, 214).
$[e],[g]-[p]$ Coins of Commodus. [e] Denarius. Romulus as conqueror. (xi, 365.) [g] Sestertius. The Emperor arriving on horseback. A.D. 180. (xi, 378.) [ $h$ ] Denarius. Rev. hercvlitomano avg. Emperor as Hercules. (xi, 387, 390; xii, 413.) [i] Denarius. Victory placing on palm-stem a shield inscribed vo.DE. commemorating the Senate's vows for the completion of the first decade of the Emperor's tribunician power. (xi, 379.) [ $k]$ Denarius. Juppiter Exsuperantissimus enthroned. (xi, 388; xii, 416.) [l] Juppiter Defensor Salutis augusti striding to left. [m] Sestertius. Janus within his temple. (xi, 388.) $[n]$ Dupondius. The vota decennalia as $[i]$. [o] Dupondius. herc.rom. conditori. Commodus as Hercules driving a plough with oxen in the foundation rite. (xi, 390; xii, 413.) [ $p]$ Sestertius. Commodus grasping the hand of Sarapis beside whom is Isis, an altar between them; Victory crowns the Emperor. (xi, 390; xii, 415.) $[[e],[0]$ in the Bibliothèque Nationale, Paris; the rest are in the British Museum $]$


## CHINESE TURKESTAN

$[a]-[c]$ A bas-relief and two figures of bodhisattvas carved in stucco found at Rawak near Khotan. There is strong Hellenic influence both in the proportions and in the treatment of the drapery. First century of our era. (xii, 98.)
[d] Impression of a sealing, of the same period and from the same site, Athena holding thunderbolt and aegis. For an earlier version of the type cf. a coin of Antigonus Gonatas, Volume of Plates iii, 2, g. (xii, 98.)
[M. A. Stein, Ancient Khotan, iI, Pls. XV $a$, LXXXVI, and title page vignette]

[a]

[b]

[d]
[c]

## THE CULTURE OF THE STEPPES

[a] An ornamental plate for harness or armour cast in bronze, from China, but of Siberian manufacture, in the Stoclet Collection, Brussels. A combat between a tiger and a horse; cf. the tiger 138 c.
[b] An ornamental plate from a girdle clasp, cast in gold once ornamented with coloured inlays, from Siberia, in Leningrad. A horned and winged 'Persian' lion-griffin attacking a horse. For the lion-griffin, cf. Volume of Plates iii, 90, $f$. (xii, 100.)
[G. Borovka, Scythian Art, Pls. 47, $46 a$; E. H. Minns, Scythians and Greeks, p. 276, fig. 198]
[c] bronzeknife of the type that is found both at Minusinsk and on the borders of China round the bends of the Huang-ho. (xii, 101.) This specimen from Minusinsk is in the Musée Cernuschi, Paris. [Photograph Musée Guimet, Paris]

[a]

[b]

[c]

## THE CULTURE OF THE STEPPES

[a] Gold diadem found at Novocherkask on the lower Don, in the Hermitage, Leningrad. Third century of our era. In the centre (lefthand side of the figure) is a female bust carved in chalcedony; pearls, garnets, and amethysts are inset; on the upper rim are cervidae, trees, and water-fowl. (xii, 100.)
[E. H. Minns, op. cit. p. 233, fig. 138; M. Ebert, Reallexikon der Vorgeschichte, Ix, p. 129 sq. Pl. 175]
[b] A SWORD, and a large SPIRALTORQUE of gold (detail of its end above), both from Prochorovka in the province of Orenburg, now in Leningrad. (xii, 101.) These objects are closely related to the products of Sarmatian art.
[M. Ebert, op. cit. x, p. 317 sq. Pls. 1128, 112A]


## THE CULTURE OF THE STEPPES

$[a]$ AFOAL, $[b]$ A DOE, $[c]$ ATIGRESS suckling a fawn, all in bronze, from Ordos. Examples of the animal style all in the Musée Cernuschi, Paris. (xii, 101.)
[d] A group of smaller objects in the same museum. The two knives are from Minusinsk, while the clasps and buckles in animal style are from Ordos. (xii, 101.)
[Photographs Musée Guimet, Paris]


## SASSANID PERSIA

[a] Ruins of a fire-temple at Shapur excavated in 1935-36. In the foreground is seen the external vaulted corridor leading to the main building. (xii, 120.)
[G. Salles and R. Ghirshman, Revue des Arts Asiatiques, x, 1936, Pl. XL]
[b] Remains of the palace at Ctesiphon, now called Taq-e-Kesra, built, according to Herzfeld's view, under Shapur I. (xii, 122.)

[a]

[b]

## SASSANID PERSIA

[a] Relief of ARDASHIR I at Naqsh-e-Rustam near Persepolis. In the larger relief the king is on the left and facing him is Ormuzd, likewise on horseback, handing the king the ribboned ring, symbol of royal power.
[b] Relief of vahrami on the rock of Shapur near Kazerun. The god on horseback on the left hands the ribboned ring to the mounted king. (xii, 123.)
[F. Sarre and E. Herzfeld, Iranische Felsreliefs, Pls. 5, 41]

[a]


## SASSANID PERSIA

[a] manichaean miniatures depicting, on the left, a group of priests writing at their desks; and on the right above, musicians. (xii, 124f.)
[A. von Le Coq, Chotscho, Pl. 5; A. Christensen, L'Iran sous les Sassanides, p. 199, fig. 10]
[b] A monument in honour of SHAPUR I at Shapur, constructed by Roman workmen. On the shaft of one of the columns is a Pahlavi inscription. (xii, 125.)
[Revue des Arts Asiatiques, x, 1936, Pl. XLII]


## SASSANID PERSIA

[a] Silver cup in the British Museum representing shapur i hunting deer.
[b] silvercup in Leningrad with a picture of vahram i, before his accession to the throne, hunting wild boar. Dated 272/73. (xii, 125.)
[K. Erdmann, Jahrbuch der preuss. Kunstsammlungen, LviI, 1936, p. 197, figs. 2, 1]

[a]

[b]

## SASSANID PERSIA

The great relief at Naqsh-e-Rustam near Persepolis (cf. Volume of Platesi, $314, b$ ) with SHAP UR I on horseback receiving the submission of the captive Emperor Valerian. The standing figure in Roman garb is Kyriades. (xii, 123, 135, 559.)
[M. Dieulafoy, I' Art antique de la Perse, v, Pl. 15]


## THE CAVALRY

[a] Scale trapper of leather and bronze for a horse, found at Doura, in such good preservation that it can still be worn by a horse. Cf. the charger with scale-armour on one of the Doura graffiti, Volume of Plates iv, 26, c. (xii, 216.)
[The Excavations at Dura-Europos, Preliminary report of the Sixth Season, 1932-33, P1. XXII, 3]
[b] Detail from the arch of galerius at Salonica. In the centre an adlocutio by the emperor; on either side of him are his bodyguards who wear the scale-armour and conical helmets of Iranian cataphracts. Their standards are Iranian dracones. (xii, 216, 218, 566.) [Photograph German Archaeological Institute]

[a]


## COMMERCE

[a] Handle of a silverpatera found at Capheaton in Northumberland, now in the British Museum. In the centre is a female bust; on the left a traveller with pack and staff; on the right a shepherd and flock. The patera was probably made in Britain and its figures symbolize the commerce and prosperity of the land. (xii, 245.)
[M. Rostovtzeff, J.R.S. xiri, 1923, p. 99; and Social and Economic History of the Roman Empire, Pl. XXXI, 31
[b] mosaic of Madeina in Africa, now in the Musée Alaoui at Tunis. It comes from the frigidarium of a bath in a mansion at Althiburos. There is a great variety of ships, river and sea-going, most of which are designated by their special names, some of them both in Greek and in Latin. At the top is a river-god seated among reeds; at the bottom the head of Ocean surrounded by fish. (xii, 245.)
[M. Rostovtzeff, op. cit. Pl. XXII. C.I.L. viII, 27790]

[a]


## BRITISH POTTERY

[a] Three beakers of pottery of castor ware from the Nene Valley. They are examples of third to fourth-century metallic lustre-ware. The centre vase has a relief-scene of a chariot-race. (xii, 290.)
[b] Two beakers and a bottle of Nerw Forest ware. The vase on the left has a lustrous glaze, that in the centre has stamped designs, and the one on the right painted lines. (xii, 291.)
[Photographs British Museum]


## SEVERAN MONUMENTS

[a] PAINTING on a circular wooden panel (diameter 30.5 cm .) from Egypt, now in the Antiquarium, Berlin. Septimius Severus and Julia Domna with their two sons in front of them. The features of Geta have been purposely defaced (cf. below, 230, g). The Emperor wears the vestis alba triumphalis and is crowned, like his son, with a golden garland set with gems. (xii, 364.)
[Die Antike, xII, 1936, p. 157 sq. Pls. 10, 11]
[b] Two views of a marble pilaster-cap found in Rome from the temple of Elagabalus and Tanit on the Palatine. In the centre is the god's conical stone set on a stool. The eagle of Juppiter is in front of the stone. On the left Minerva lays a hand on the stone, on the right another goddess (Juno? Tanit?) places her hand upon it. To the right of this goddess is Victory sacrificing a bull. (xii, 55.)
[A. B. Cook, Zeus, III, p. 903 sq., fig. 744; E. Strong, Art in Ancient Rome, II, p. 148; and Roman Sculpture from Augustus to Constantine, pp. 307 sqq., Pl. 94]

[a]


## ORIENTAL CULTS IN THE WEST

[a] bronze group in the Metropolitan Museum, New York, representing the Great Mother enthroned on a four-wheeled cart drawn by a pair of lions. She wears a veil over a mural crown and holds a patera and a tympanum. (xii, 423.)
[Photograph Metropolitan Museum, New York]
[b] The end of a roman altar now in the Fitzroilliam Museum, Cambridge. Four Galli carry an oblong bier on poles, upon this is the throne of Cybele facing; under the throne is a footstool and upon it a cushion supporting a shell-shaped receptacle within which is a round wickerwork basket having a conical cover. On either side of the throne is the statuette of a Gallus on a pedestal facing. (xii, 423.)
[E. M. W. Tillyard, J.R.S. viI, 1917, pp. 284 sqq. Photograph E. M. W. Tillyard]

[a]


## ORIENTAL CULTS IN THE WEST

[a] Relief from Aricia, now in the Terme Museum, Rome. A sacred dance of votaries; on a platform are onlookers clapping their hands, above various Egyptian deities in niches, below a frieze of ibises. (xii, 426.)
[b] Relief in the Vatican, a procession headed by a priestess of Isis followed by two priests and a girl who carries a sistrum and a ladle for holy water. (xii, 426.)
[F. Cumont, Religions orientales dans le Paganisme romaine,4 1929, PI. VIII, 2, 1]

[a]

[b]

## MITHRAISM

$[a]$ bronze collection box probably from Syria in the Cabinet de Médailles of the Bibliothèque Nationale, Paris. It bears an inscription for "Lady Atargatis" and the names of several donors. Its diameter is 15.5 cm . (xii, 428.)
[F. Cumont, Aréthuse, 1930, pp. 41 sqq., PI. VIII. Photograph Bibliothèque Nationale, Paris]
[b] RELIEF from the front of a mithraic altar found near Heddernheim, now in the Museum at Wiesbaden. Mithras slays the bull, a dog laps its blood, on his mantle is perched a crow; a snake, a crater and a lion are under the bull, on either side are torch-bearers. Above this scene are the twelve signs of the zodiac. Over this are depicted episodes of the Mithras myth and at the top Sol and Luna, while the sides of the carving have symbols of Winds and Seasons. (xii, 429.)
[A. B. Cook, Zeus, I, pp. 516 sqq., fig. 389]

[a]


## EASTERN RELIGIONS

[a] two wall-paintings from the Mithraeum at $S$. Maria di Capua, representing scenes in a ceremony of initiation. Above there appears a scene of simulated death; below the initiate, his hands bound behind his back, is offered a wreath on a sword. (xii, 429.) [A. Minto, Notizie degli Scavi, 1924, pp. 353 sqq.]
[b] RELief on one side of a tombstone from Andernach, now in the Museum at Bonn. Under a shield of Amazonian shape is a figure of Attis in an attitude of mourning, common on many monuments of this region. (xii, 436.)
[A. B. Cook, Zeus, 11, p. 310, fig. 199. Cf. H. Graillot, Le Culte de Cybèle Mère des Dieux, p. 438, Pl. XI]


## THE CHURCH IN THE EAST

A reconstructed model of the christianchurch built at Doura in A.D. 232. Under the decorated archway is a fresco showing the flock of the Good Shepherd. On the long wall the upper register has frescoes depicting the healing of the paralytic and Peter walking on the sea. In the lower register are the three Marys beside a sarco-phagus-like tomb over which are two stars. (xii, 496.)
[The Excavations at Dura-Europos, Preliminary report of the Fifth Season, 1931-32, Pl. XLI]


## IMPERIAL PORTRAITS

[a] septimius severus, a bust in the Museo delle Terme, Rome. (xii, 1, 545.)
[b] caracalla, the portrait from a bust in Berlin. It shows the frowning expression and leftward turn of the head affected by Caracalla in imitation of Alexander the Great. Cf. Epit. de Caes. XXI, 4. (xii, 1, 47, 48, 545.)
[C. Blümel, Katal. der Sammlung antiker Skulpturen, Römische Bildnisse, Q. 96, Pl. 59 sq.]
[c], [d] elagabalus, a bust in the Capitoline Museum, Rome. (xii, 1, 52, 545, 552.)
[H. Stuart Jones, Catal. of the Ancient Sculptures of the Capitoline Museum, no. 55. Photographs $[a, c, d]$ German Archaeological Institute, [b] Berlin Museum]

[a]

$|c|$

[b]

$|d|$

## SCULPTURE

[a] the heracles farnese, in Naples, Museo Nazionale. A work signed by the copyist Glycon of Athens and made for the Baths of Caracalla in Rome, where it was found. The prototype will have been a statue by Lysippus representing a weary Heracles. (xii, 546.)
[Guida Ruesch, pp. 90 sqq., no. 280]
[b] The so-called toro farnese, in Naples, Museo Nazionale; found at Rome in the Baths of Caracalla. The punishment of Dirce by Amphion and Zethus. This marble group had a Greek painting as its prototype. (xii, 546.) See also Volume of Plates iii, 128, $b$.
[Guida Ruesch, pp. 80 sqq., no. 260. F. Studniczka, Zeitschrift für Bildende Kunst, XIV, 1903, pp. 171 sqq. Both photographs from the Archaeological Seminar, Berlin University]



## SEPTIMIUS SEVERUS

the arch of Septimius Severus set up to honour him and his sons, Caracalla and Geta, in the Roman Forum. Dedicated A.D. 203 beside the Sacred Way by the Senate and People ob rem publicam restitutam imperiumque populi Romani propagatum. (xii, $10,19,546,551$.)
[C. Huelsen, Il foro romano, 1905, pp. 71 sqq. C.I.L. v, i, 1033. Photograph Anderson]


## SEPTIMIUS SEVERUS

reliefs from the Arch of Septimius Severus.
[a] Relief above the right side archway on the face looking towards the Capitolium. A narrative scene: the Emperor addressing troops, and the siege of a city. (xii, 546.)
[E. Strong, La Scultura Romana, ir, pp. 303 sqq.]
[b], [c] Reliefs on the column bases; Roman soldiers leading barbarian prisoners. (xii, 547.)
[E. Strong, loc. cit. Photographs German Archaenlogical Institute]

[a]

[b]

[c]

## RELIEFS

[a] Front of a wedding sarcophagus in the Villa Parisi (formerly the Villa Taverna) in Frascati. The scenes illustrate the qualities of Virtus (Victory), Clementia (Mercy to conquered barbarians), Pietas (Sacrifice) and Concordia (Marriage). (xii, 547, 549.) [G. Rodenwaldt, Über den Stiteandel in der antoninischen Kunst, PI. I. Photograph Faraglia]
[b] Relief in the courtyard of the Palazzo Sacchetti in Rome. A seated emperor addressing the people. From some lost historical monument. (xii, 547.)
[E. Strong, loc. cit. pp. 306 sqq., PI. LXIII. Photograph German Archaeological Institute]
[c] A relief from the Tetrapylon in Leptis Magna. The triumphal procession of Septimius Severus and his sons. Set up c. A.D. 203. (xii, 547.)
[R. Bartoccini, l'Arco quadrifronte dei Severi a Lepcis, Africa Italiana, iv, 1931, pp. 93 sqq., Fig. 73]

[a]

$\lceil b\rceil$


## RELIEFS

A lion hunt. The front of a sarcophagus in the Palazzo Mattei in Rome. (xii, 550.)
[G. Rodenwaldt, J.D.A.I. LI, 1936, pp. 83 sqq., PI. 2. Photograph German Archaeological Institute]


## PAINTING

Paintings from the vault of the aurelif near the Viale Manzoni in Rome. (xii, 550.)
[a] The upper part of the figure of an Apostle. [b] 'The Good Shepherd.'
[G. Bendinelli, Mon. Ant. xxviII, 1922-3, Pls. III, 1 and IX. G. Wilpert, Mem. Pont . Accad. romana di Archeologia, 1, 2, 1924. F. Wirth, Römische Wandmalerei, 1934, pp. 177 sqq. (dated to c. A.D. 240)]


## ARCHITECTURE

[a] Front of the propylaea of the sanctuary of the Heliopolitan Triad in Baalbek. A reconstruction. Built in the time of Septimius Severus and Caracalla. (xii, 551.)
[B. Schulz and H. Winnefeld, Baalbek, I, P1. 41. A. von Gerkan, Corolla Curtius, p. 59]
[b] The capitolium in Lambaesis. Built a.d. 208. (xii, 551.)
[S. Gsell, Les Monuments antiques de l'Algérie, I, p. 143 sq. C.I.L. viII, 2611]

[a]


## ARCHITECTURE

[a] View of the main hall of the Baths of Caracalla in Rome. The building was dedicated in A.D. 216. (xii, 552.)
[G. Lugli, I Monumenti antichi di Roma e Suburbio, I, pp. 414 sqq. Photograph Alinari]
[b] A reconstruction of the main hall of the Baths of Caracalla by G. A. Blouet.
[G. A. Blouet, Restauration des Thermes d'Antonin Caracalla à Rome, Paris, 1828, Pl. 15]


## IMPERIAL PORTRAITS

$[a]$ and $[b]$ Portrait of severus alexander in the Vatican. (xii, 552.)
[H. P. L'orange, Studien zur Geschichte des spätantiken Porträts, Oslo 1933, p. 1 sq. Pls. 1, 3. Photographs German Archaeological Institute]
[c] Portrait of gordianus ili in the Berlin Museum. (xii, 553.)
[C. Blümel, Katalog der Sammlung antiker Skulpturen, Römische Bildnisse, R. 102, Pl. 66. Photograph Berlin Museum]
[d] Portrait of Decius in the Capitoline Museum, Rome. (xii, 553.) [H. Stuart Jones, op. cit., p. 209, no. 70. H. P. L'orange, op. cit., p. 43, Pl. 2. Photograph Brogil

[a]

[c]

[b]

$\lceil d \mid$

## RELIEFS

a victory over barbarians. A Roman sarcophagus for a general, from the Villa Ludovisi in the Museo delle Terme, Rome. (xii, 553.)
[Antike Denkmäler, iv, Pl. 41. Photograph Faraglia]


## RELIEFS

[a] a lion hunt. A Roman sarcophagus in the $\boldsymbol{N} y$ Carlsberg Glyptotek in Copenhagen; the so-called sarcophagus of Balbinus. (xii, 5555.)
[b] Head of the central mounted hunter from the same sarcophagus.
[c] Head of a huntsman from the same.
[G. Rodenwaldt, J.D.A.I. Li, 1936, p. 96 sq. Photographs Ny Carlsberg Glyptotek]

[a]

[b]

[c]

## EASTERN RELIEFS

[a] Achilles among the daughters of Lycomedes. Attic sarcophagus in the Capitoline Museum, Rome. (xii, 555.)
[H. Stuart Jones, op. cit. no. 1. H. P. L'orange, op. cit. p. 9. Photograph Alinari]
[b] hunting scene. The back of the large sarcophagus from Sidamara in the Museum of Antiquities, Constantinople. (xii, 555.)
[M. Schede, Griech. und Röm. Skulpturen des Antikenmuseum, Istanbul, PI, XXXIX. C. R. Morey, The Sarcophagus of Claudia Antonia Sabina (Sardis, v, 1), 40]
[c] Sarcophagus with muses from the Villa Mattei in the Museo delle Terme in Rome. (xii, 555.)
[R. Paribeni, Le terme di Diocleziano e il Museo Nazionale Romano, p. 76 sq., no. 100. Photograph German Archaeological Institute]

[a]

[b]


## PROVINCIAL SCULPTURE

four heads from Roman funeral monuments from Neumagen in the Rheinisches Landesmuseum in Trèves. (xii, 556.)
[a] Head of a woman from the stele of the Negotiator. c. A.D. 175. [W. von Massow, Die Grabmäler von Neumagen, p. 128, Fig. 77]
[b] Head of the helmsman from the relief of a ship, c. A.D. 220.
[W. von Massow, op. cit. p. 208, Fig. 128]
$[c]$ and $[d]$ Head of a peasant from the circus monument, c. A.D. 220. For other sculptures from Neumagen see 122 above.
[W. von Massow, op. cit. p. 147, Fig. 98, p. 155, Fig. 101. G. Rodenwaldt, Archäologischer Anzeiger, 1927, p. 192. H. Koethe, J.D.A.I. L, 1935, pp. 216 sqq. Photographs Rheinisches Landesmuseum, Trèves]

[a]

[c]

[b]

[d]
[a] Portrait of gallienus in the Museo delle Terme, Rome, in the Greek manncr. (xii, 556.)
[R. Paribeni, op. cit. no. 736. H. P. L'orange, op. cit. p. 5. R. Delbrueck, Antike Porträts, Pl. 53]
[b] Portrait of gallienus in the Berlin Museum, in the Roman manner. (xii, 556.)
[C. Blümel, op. cit. 114, P1. 74. Photograph Berlin Museum]

[a]

## RELIEFS

[a] SARCOPHAGUS of a pagan man and wife in the Museo Torlonia, Rome. The husband appears as one of the Seven Sages, the wife as one of the Nine Muses. (xii, 557.)
[G. Rodenwaldt, J.D.A.I. Li, 1936, p. 101 sq., Pl, 5. Photograph Faraglia]
[b] SARCOPHAGUS of a Christian man and wife from the Via Salaria in the Lateran Christian Museum in Rome. In the centre appears 'The Good Shepherd.' (xii, 55\%.)
[G. Wilpert, I Sarcofagi Cristiani, r, Pl. I, 1. F. Gerke, Die christlichen Sarkophage der vorkonstantinischen Zeit (Studien zur Spätant. Kunstgesch. xı). Kap. 6, no. 10, Pl. 51, 1; Pl. 55, 1 and 2; P1. 65, 3. Photograph German Archaeological Institute]

[a]

[b]

## RELIEFS

SARCOPHAGUS of a philosopher (Plotinus?) in the Lateran Museum, Rome. (xii, 557.)
[G. Rodenwaldt, J.D.A.I. LI, 1936, pp. 103 sqq., Pl. 6. Photograph Faraglia]


## RELIEFS

[a] WEDding Sarcophagus of an official of the Annona in the Museo delle Terme in Rome. (xii, 559.)
[M. Rostovtzeff, Social and Economic History of the Roman Empire (German ed.), I, p. 226 sq., Pl. 23, 2]
[b] and [c] Heads of the man and wife on the same sarcophagus.
[G. Rodenwaldt, Studie e Scoperte germaniche sull' Archeologia el Arte del tardo Impero, Rome 1937, p. 14, Pls. II, III. Photographs German Archaeological Institute]

[a]

[b]

[c]

## MINIATURES

[a] PORTRAIT of a man in gold-leaf on glass inscribed Eusebi anima dulcis, in the Christian Museum of the Vatican Library, c. A.D. 240-250. (xii, 560.)
[C. Abbizzati, Röm. Mitt. xxıx, 1914, pp. 240 sqq.]
[b] PORTRAITS of a mother with her son and daughter in gold-leaf on glass signed by the potter Bouneri in the Museo Cristiano Civico in Brescia, c. A.D. 230-240.
[C. Abbizzati, op. cit. pp. 274 sqq. F. de Mély, Aréthuse, iII, 1926, pp. 1 sqq., Pl. II]

[a]


## ARCHITECTURE

[a] the amphitheatre in El Djem (Thysdrus) in the Roman Province of Africa. Probably built shortly after A.D. 238, since Gordianus I was there proclaimed Augustus. (xii, 76 sq., 561.)
[F. Drexel, in L. Friedländer, Darstellungen aus der Sittengeschichte Roms, iv, p. 228 sq. Photograph M. Hürlimann, Das Mittelmeer, Zürich, 1937]
[b] the round temple in Baalbel. Probably built in the time of Philip the Arabian. (xii, 561.)
[D. Krencker, Baalbek, ir, pp. 90 sqq., Pl. 6]
[c] The so-called temple of Minerva Medica in Rome. It was perhaps part of some Baths or a Nymphaeum. (xii, 561.)
[G. T. Rivoira, Architettura Romana, pp. 223 sqq. D. Krencker, Die Trierer Kaiserthermen, pp. 257 sqq. Photograph Alinari]

[a]

[c]

## PORTRAITS

[a] Portrait of probus (?) in the Capitoline Museum, Rome. (xii, 564.)
[H. Stuart Jones, op. cit. no. 66, R. Delbrueck, Bildnisse römischer Kaiser, p. 7 sq., Pl. 37]
[b] PORTRAIT of an unnown man in the Landgrafenmuseum, Kassel. (xii, 564.)
[M. Bieber, Antike Skulpturen und Bronzen in Cassel, pp. 34 sqq., PI. 31 and Fig. 6. G. von Kaschnitz-Weinberg, Die Antike, iI, 1926, Pl. 7. Photograph Kassel Museum]
[c] Portrait of diocletian in the Villa Doria-Pamphili, Rome. (xii, 564.)
[H. P. L'orange, Röm. Mitt. xliv, 1929, pp. 180 sqq., Pl. 41]
[d] BUST IN PORPHYRY in the Cairo Museum. The portrait of some member of the Imperial House, perhaps Licinius. (xii, 564.) [R. Delbrueck, Antike Porphyrwerke, p. 92, Pl. 38 sq.]


## CONSTANTINE

PORTRAIT OF THE EMPEROR CONSTANTINE. Head of a colossal statue in the Palazzo dei Conservatori, Rome. (xii, 564.)
[R. Delbrueck, Spätantike Kaiserporträts, pp. 121 sqq., P1. 37. Photograph German Archaeological Institute]

[a], [b] bronze medallions of Alexander Severus. On both reverses the Emperor appears as triumphator; on $[a]$ the quadriga is in profile as on earlier representations, on $[b]$ it is frontal. (xii, 558.)
$[c],[d]$ gold medallions of Diocletian and Maximian together, and of Constantius Caesar, son of Constantine. On the reverses of both are a pair of Emperors as triumphatores in cars drawn by teams of elephants, and the designs are frontal. (xii, 563.)
[e] bronze medallion of Probus. His bust to left with helmet, shield and spear. Rev. an adlocutio by the Emperor on a platform; the scene frontally composed. Suppliant captives are in the foreground. (xii, 558.)
[ $[c]$ in the Münzkabinett, Berlin; the rest in the Bibliothèque Nationale, Paris]

[c]


## COINS AND MEDALLIONS

[a] bronze medallic sestertius of Postumus. Rev. a frontally composed scene of an adlocutio with the Emperor and two officers on a platform. (xii, 558; and cf. $212[e]$.)
[b] Silver medallion of Alexander Severus (cf. 212 [a], [b]). Rev. the three Monetae, the middle one frontal. (xii, 558.)
[c] aureus of Postumus, his head almost facing. Rev. hercvli thracio, Hercules with one of the horses of Diomede. (xii, $556,558$.
[d] a ureus of Licinius. His bust facing. Rev. Juppiter Conservator enthroned facing. (xii, 558.)
[e] gold medallion of Diocletian. Rev. as last but in profile. (xii, 563.)
[f] gold medallion of Constantine. His half-figure in the imperial mantle; his hands hold sceptre and globe. (xii, 563.)
$[[b],[d],[f]$ in the British Museum; the others in the Bibliotheque Nationale, Paris]


## RELIEFS

SARCOPHAGI of the period of the Tetrarchy.
[a] The fall of Phaethon. Sarcophagus in the Giardino del Lago of the Villa Borghese, Rome. (xii, 565.)
[C. Robert, Die antiken Sarkophagreliefs, III, 3, P1. 110, no. 338. G. A. S. Snijder, Mnemosyne, Lv, 1927, pp. 401 sqq. Photograph German Archaeological Institute]
[b] A scene representing 'The Good Shepherd' and a woman praying. A Christian sarcophagus in the Lateran Christian Museum, Rome. (xii, 565.)
[G. Wilpert, op. cit. I, Pl. LVIII. Photograph Alinari]
[c] At the money-changer's or rent-collector's (?). Fragment of the lid of a sarcophagus in Ostia. (xii, 565.)
[Photograph J. Rodentealdt]
[d] Christian sarcophagus with scenes from the lives of Christ and St Peter in the Lateran Christian Museum, no. 161. (xii, 565.)
[G. Wilpert, op. cit. 1, Pl. CXXVII. F. Gerke, Riv. di Arch. crist. x, 1933, pp. 307 sqq. and in Zeitschrift für Kirchengeschichte, Liv, 1935, pp. 18 sqq. Photograph Alinari]

[a]

[b]

[c]


## CONSTANTINE

thearch of Constantine in Rome. (xii, $547,566,567$. ) [Photograph from the Archaeological Seminar, Berlin University]


## CONSTANTINE

contemporary reliefs on the Arch of Constantine. (xii, 566.)
$[a]$ The battle at the Milvian Bridge.
[b] Part of the relief [a].
[c] An adlocutio of the Emperor to the People in the Roman Forum.
[d] Part of the relief [c].
[H. P. L'orange, Der spätantike Bildschmuck des Konstantinsbogens (Studien zur spätantiken Kunstgeschichte, x). Pholographs $[a, c]$ Anderson, $[b, d]$ German Archaeological Institute]



## ARCHITECTURE

[a] Reconstructed model of the Imperial Baths in Trèves. (xii, 568.)
[Cf. D. Krencker, op. cit. p. 83, Fig. 92 a]
[b] the basilica in Trèves. (xii, 568.)
[H. Koethe, 'Die Trierer Basilika,' Trierer Zeitschrift, xir, 1937, pp. 151 sqq. Photographs Rheinisches Landesmuseum, Trèves]

[a]


## ARCHITECTURE

[a] thebasilica of Maxentius in Rome. Completed by Constantine after A.D. 313. (xii, 568.)
[G. Lugli, op. cit. 1, pp. 173 sqq. Photograph Alinari]
[b] A reconstruction of the interior of the Lateran Basilica in Rome. (xii, 569.)
[H. Holtzinger, Altchristliche und byzantinische Baukunst³, p. 39, Fig. 31. E. Josi, Rivista di Arch. cristiana, xI, 1934, pp. 335 sqq.]

[a]

[b]

## IMPERIAL PORTRAITS

[a] Head of a statue in armour of constantine, in the entrance hall of the Lateran Basilica in Rome. (xii, 570.)
[R. Delbrueck, Spätantike Kaiserporträts, pp. 118 sqq., Pl. 33 sq.]
[b] Bust in porphyry of constantine il as Caesar (?) in the Vatican. (xii, 570.)
[R. Delbrueck, op. cit. pp. 136 sq., Pl. 48 sq.]


## RELIEF

PORPHYRY SARCOPHAGUS of Helena, in the Vatican. (xii, 570.)
[G. Lippold, Die Skulpturen des vaticanischen Museums, III, 1, pp. 195 sqq., no. 589. G. Rodenwaldt, Scritti in onore di Bartolommeo Nogara, pp. 389 sqq. Photograph Sansaini]


## COINS OF SEVERUS AND HIS FAMILY

[a] Aureus, bust of youthful Caracalla. Rev. conjoined busts of his parents, Severus radiate as Sol, Domna as Luna with crescent beneath. (xii, 35, 357.) [b] Aureus, Geta. Rev. Caracalla and Geta clasping hands. (xii, 36.) [c] Denarius, Severus. Rev. Triton reclining. (xii, 40.) [d] Denarius, Julia Domna. Rev. mat. avgg. mat. sen. m. patr. (xii, 35, 52.) [e] Dupondius, Caracalla. Rev. Troops crossing a bridge of boats. (xii, 40.) [f] Denarius, Elagabalus. Rev. sanct. deo. soli. elagabal. The black stone of Emesa surrounded by four parasols on a quadriga. (xii, 54.) [g] Bronze of Stratonicea in Caria. On the obverse originally busts of Geta and Caracalla facing one another, but the bust of Geta has been removed with a chisel (cf. $156[a]$ above): countermarks, head of Athena and ӨEOY. Rev. Zeus Panamaros on horseback. (xii, 43.) [ $h$ ] Denarius, Severus Alexander. Rev. felicitas avg. (xii, 63.) [i] Bronze medallion, Julia Mamaea. Her bust as Dea Panthea with attributes of Ceres, Diana, Victoria, Abundantia and Felicitas. Rev. The Empress seated among three female figures, one frontal. (xii, 64.) [j] Denarius, Mamaea. Rev. felicitas pvblica. (xii, 63.) [ $k$ ] Dupondius, Severus Alexander. Rev. restitvtor mon(etae), the dupondius recoined. (xii, 65.) [l] Bronze medallion, Severus Alexander and Mamaea. Rev. The Emperor and troops crossing a pontoon bridge over the Rhine. [ m ] Aureus, Uranius Antoninus. Rev. conservator avg.; the black stone of Emesa on a quadriga (cf. $[f]$ ), the types to left. (xii, 70.)
[ $g$ ], [ $i]$ in the British Museum, $[l]$ in Copenhagen, the rest in the Bibliotheque Nationale, Paris]


## COINS OF PUPIENUS, BALBINUS, MAXIMINUS, PHILIP THE ARABIAN, DECIUS, AND SOME USURPERS

[a], [c] Antoniniani of Pupienus and Balbinus. Revs. amor mvtvvs avgg. and fides mytva avgg. clasped hands. (xii, 81.) [b] Sestertius, Maximinus. Rev. Victory over the Germans commemorated. (xii, 74.) [d] Bronze struck at Beroea in Macedon when Philip the Arabian celebrated games there. Helmeted head of Alexander the Great. Rev. Male figure beside agonistic table. (xii, 88.) $[e],[h]$ Antoninianus and Sestertius, both of Philip the Arabian, commemorating the first millennium of the foundation of the city of Rome. (xii, 91.) [f] Sestertius struck at Philippopolis to commemorate the consecration of Marinus, father of Philip the Arabian. Bust of Marinus over an eagle. Rev. Roma. (xii, 89.) [g] Antoninianus, Pacatianus. Rev. Roma and date in the year 'one thousand and one.' (xii, 92.) [i] Antoninianus, Jotapianus. Rev. Victory. (xii, 166.) [j], [k] Silver coins of Regalianus and his wife Dryantilla. Revs. Providentia and Pietas. They are overstruck on earlier denarii. (xii, 184.) [ $l],[m]$ Antoniniani of Decius and Herennius Etruscus commemorating avictoriagermanica. (xii, 145.)
[ $[b]$ in the British Museum, the rest in the Bibliothèque Nationale, Paris]


## COINS OF EARLY SASSANID KINGS, TREBONIANUS GALLUS, AND POSTUMUS

$[a]$ to $[h]$ Sassanid silver coins. [a], [g] Ardashir, his head and shoulders; on $[a]$ there is a globe on his headdress; on $[g]$ he wears a mural crown. (xii, 130.) Revs. A fire-altar with central column, on either side below an incense holder. (xii, 109, 120.) $[b],[h]$ Shapur $I$, his head and shoulders; on $[b]$ he wears a mural crown with globe; on [ $h$ ] he has a helmet the crest of which ends in an eagle's head. (xii, 130.) Revs. Columnar fire-altar flanked by two attendants holding rods. (xii, 111, 120.) [c] Vahram I, his bust with radiate crown with globe. Rev. As [b]. (xii, 113.) [d] Vahram II. Jugate busts of king and queen, a small bust before them. Rev. Similar fire-altar tended by two figures. (xii, 113.) $[e]$ Narses, his bust with globe-topped crown. Rev. As last. (xii, 113.) [f] Hormizd II; types similar to last. (xii, 114.)
[ $j$ ] Dupondius of Trebonianus Gallus. Rev. arn. azi, the chief god of the Osrhoënians, Aziz, in the guise of Apollo Pythius. (xii, 199.) $[i]$, [ $k$ ] Bronze coins of Postumus. [i] Rev. restitvtor galliarvm. Emperor raising kneeling figure; $[k]$ the arms of Hercules. (xii, 187, 226.)
$[i, k$, in the Bibliothèque Nationale, Paris; the rest in the British Museum]


[i]

[j]

[k]

## COINS OF DECIUS AND GALLIENUS

[a] to [i] A series of silver Antoniniani issued by Decius with heads of all the consecrated Emperors. Those represented are Augustus, Vespasian, Titus, Trajan, Hadrian, Antoninus Pius, Marcus Aurelius, Commodus, and Severus Alexander. All the reverses have the eagle of consecration. (xii, 204.)
[ $j$ ] to [ $l]$ Gallienus. [ $j$ ] Dupondius celebrating his return to Rome. The Genius populi Romani has his features. (xii, 189.) [ $k$ ] Aureus. gallienae avgustae, Gallienus in the guise of Demeter. Rev. vbiqvepax. Victory in chariot. (xii, 189.) [l] Double-Aureus in ancient gold mounting. Bust of Gallienus. Rev. deo avgvsto, bust of Augustus. (xii, 194.)
[ $[j]$ in the Bibliothèque Nationale, Paris; $[l]$ at Parma; the rest in the British Museum $]$

$[a]$ to $[d]$ Reign of Aurelian, all bronze. $[a]$ Rev. Dacia felix. (xii, 301.) [b] Bust of Vaballathus on obverse and of Aurelian on reverse. (xii, 301.) $[c]$ SOL DOMINVS IMPERI ROMANI, bust of Sol. Rev. Aurelian standing sacrificing. [d] Bust of Emperor. Rev. soli invicto, Sol triumphant between captives. (xii, 309.) [e] Aureus, Severina. Rev. Concordia with standards. (xii, 310.) [f] Aureus, Tacitus. Rev. Roma. [g], [h] Bronzes, Tacitus and Florian. Revs. clementiatemp. (xii, 313.)
[i] to [ $k$ ] Probus. [i] Aureus. Half-figure armed and holding a Victory. Rev. Sol the unconquered in facing chariot. (xii, 319.) [j] Bronze. Rev. Tyche of Siscia between river-gods. [ $k$ ] Bronze. Rev. Hercules 'the peace-bringer.' (xii, 320.)
[l] Bronze, busts of Carus and Sol confronted. Rev. Felicitas. [ $m$ ], $[n]$ Aurei, Carinus and Numerian. Revs. Each Caesar as Princeps Iuventutis. (xii, 324, 359.) [o] Aurcus of Postumus, his bust conjoined with that of Hercules. Rev. Conjoined busts of Sol and Luna. [ $p$ ] Aureus of Victorinus, his bust conjoined with that of Sol. Rev. Juppiter. (xii, 359.)
$[[i],[p]$, in the British Museum; the rest in the Bibliothèque Nationale, Paris]


## COINS OF THE TETRARCHY, CARAUSIUS AND ALLECTUS

[a], [d] Diocletian. [a] Bronze. Rev. Juppiter and Hercules. (xii, 330.) [d] Aureus. Rev. The three Fates. (xii, 330.) [b], [c], [g] Maximian, all Aurei. [b] Hercules fighting the Hydra. [c] Rev. concordiaavgg.etcaess.nnnn. (xii, 330.) [g] Rev. virtvis illvrici, the Emperor on horseback, and a war-galley below. $[e],[f]$ Constantius and Galerius as Caesars. Rev. On each the Caesar as Princeps Iuventutis. (xii, 330.)
[ $h$ ], $[i]$ Carausius. [ $h$ ] Bronze. caravsivs et fratrees svi, his bust conjoined with those of Diocletian and Maximian. Rev. Pax. (xii, 331.) [i] Silver. Rev. expectate veni, Britannia holding a trident and welcoming Carausius. (xii, 333.) [j] Bronze of Allectus. Rev. A war galley. (xii, 333.)
[ $k$ ] Great gold medallion of Constantius Caesar of the weight of ten aurei ( $53 \cdot 1$ grammes). Bust of the Caesar. Rev. redditor lvcis aeternae. The Caesar on horseback, and a war-galley below (cf. $[g]$ above). He is received by a female, personating London, kneeling in front of a city gate, beneath her lon. In the exergue ptr. From the Arras Hoard found September 1922. (xii, 333.)
$[[g]$ to $[j]$ in the British Museum, the rest in the Bibliothèque Nationale, Paris]


## COINS OF MAXENTIUS, CONSTANTINE, ALEXANDER, AND VALERIUS VALENS

[a] Aureus of Alexander minted at Carthage. Rev. invicta roma fel. karthago, goddess of Carthage. (xii, 351.) [b], [c] Maxentius, bronze and silver. Revs. Temple of Roma, and She-wolf with twins. (xii, 351.)
$[d]$ to [g] Aurei of Constantine. [d], [e] Rev. Sol, as the Emperor's comrade, holding a statue of Victory, a captive between them. (xii, 351, 680.) [f] Busts of Sol and the Emperor conjoined. Rev. Liberalitas. (xii, 351, 680.) [g] Rev. vbiqve victor, the Emperor between captives.
[ $h$ ] Bronze of Valerius Valens. Rev. Juppiter Conservator. (xii, 692.)
$[i],[j]$ Two bronze medallions minted under Constantine with busts of the City goddesses Roma and Constantinopolis. Revs. [i] The Shewolf and twins between shepherds, the stars of the Dioscuri above. [j] The Emperor as Restitutor reipublicae raising Tyche from her knees.
$[i, j$ in Berlin, $c, d, f, g$, in the British Museum, the others in the Bibliothèque Nationale, Paris]


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